

Title (en)
CORRUGATE TUBE WITH CLAMP AND PRODUCTION METHOD OF THE SAME

Title (de)
GEWELLTES ROHR MIT EINER KLEMME UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
TUBE ONDULÉ MUNI DE COLLIER ET SON PROCÉDÉ DE FABRICATION

Publication
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Application
EP 12738225 A 20120703

Priority
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Abstract (en)
[origin: WO2013005416A1] [Technical Problem] To remove a labor hour of attaching afterward the clamp to the corrugate tube, and to prevent the clamp from being displaced or loosening with respect to the corrugate tube. [Solution to Problem] A corrugate tube with a clamp 1, 12 integrally includes a straight tube portion 2, 5 and a bellows tube portion 3, 6, and a locking clamp 4 is integrally or individually provided on the straight tube portion. The straight tube portion which is provided with the clamp is thicker than the bellows tube portion. A slit 7 for inserting electric wires in a longitudinal direction of the tube is provided in an opposite direction of the clamp 4. A hole 8 for branching wires is provided communicating with the slit 7. A groove 42 or a hole 52 is provided on the straight tube portion 2 for fixing the individual clamp 43, 51. A radius d2 of a hill portion 10b of the bellows tube portion is sufficiently larger than a radius d of a valley portion 10a of the bellows tube portion, and a thickness T of the hill portion is gradually smaller as the bellows tube portion extends toward a tip. The bellows tube portions 3 are respectively arranged in between a plurality of straight tube portions 2, and the clamps 4 are provided on required straight tube portions.

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